

Table 3-9

**Variances to the Site-Specific Field Sampling Plan
Ranges South of Range 25, Parcels 224Q, 226Q, and 227Q
Fort McClellan, Calhoun County, Alabama**

Variance to the SFSP	Justification for Variance	Impact to Site Investigation
Permanent residuum monitoring wells HR-224Q-MW02, HR-226Q-MW01, HR-226Q-MW03*, HR-226Q-MW05 were not installed.	The monitoring wells were not installed at the proposed locations because hollow-stem auger refusal was encountered prior to reaching groundwater. Several attempts were made to install the monitoring well, but all were unsuccessful.	None. Groundwater samples were collected from other representative locations.
Permanent residuum monitoring well HR-227Q-MW03 was moved approximately 180 feet south of direct-push soil boring location HR-227Q-MW03, rather than being co-located with soil boring location HR-227Q-MW03.	The monitoring well was not installed at its proposed location because hollow-stem auger refusal was encountered prior to reaching groundwater. Several attempts were made to install the monitoring well, but all were unsuccessful.	Groundwater was encountered at approximately 24 feet below ground surface at the new location and the well was successfully installed.
Surface water and sediment samples were not collected at sample locations HR-224Q-SW/SD04, HR-224Q-SW/SD06, HR-224Q-SW/SD07. Therefore, depositional soil samples (HR-224Q-DEP01, HR-224Q-DEP02, HR-224Q-DEP03) were collected at these locations.	The surface water and sediment samples were not collected at the proposed locations because surface water and sediment were not present in the drainage creek. Several attempts were made to collect the samples, but all were unsuccessful.	None. Data from the depositional soil samples were used to characterize the site.
Surface water and sediment samples were not collected at sample locations HR-226Q-SW/SD01, HR-226Q-SW/SD02*, HR-226Q-SW/SD03*, HR-226Q-SW/SD04*, HR-226Q-SW/SD05. Therefore, depositional soil samples (HR-226Q-DEP01, HR-226Q-DEP02*, HR-226Q-DEP03*, HR-226Q-DEP04*, HR-226Q-DEP05) were collected at these locations.	Surface water and sediment samples were not collected at the proposed locations because surface water and sediment were not present in the drainage creek. Several attempts were made to collect the samples, but all were unsuccessful.	None. Data from the depositional soil samples were used to characterize the site.
Surface water and sediment samples were not collected at sample locations HR-227Q-SW/SD01, HR-227Q-SW/SD02, HR-227Q-SW/SD03. Therefore, depositional soil samples (HR-227Q-DEP01, HR-227Q-DEP02, HR-227Q-DEP03) were collected at these locations.	Surface water and sediment samples were not collected at the proposed locations because surface water and sediment were not present in the drainage creek. Several attempts were made to collect the samples, but all were unsuccessful.	None. Data from the depositional soil samples were used to characterize the site.
Groundwater samples were not collected from monitoring well HR-227Q-MW03.	Although groundwater was encountered in this well during drilling and well installation activities, groundwater was not present during subsequent sampling activities. Several attempts were made to collect groundwater samples from this well, but all attempts were unsuccessful because the well was dry.	None. Groundwater was collected from nearby well HR-227Q-MW01.

SFSP - Site-Specific Field Sampling Plan

* This sample location is within the area that was removed from this SI Report to be included in an engineering evaluation/cost analysis. It is presented here because it is included in the variance report contained in Appendix E.